

N5013 Speed Dome Network Camera



H.264 / D1 Real Time / 23X~36X

- H.264/MJPEG Dual Codec & Streaming simultaneously
- D1 (704x576@25fps / 704x480@30fps)
- High Resolution of 560TVL(23X / 37X)
- Samsung 23X / 37X in Optical Zoom
- Mechanical ICR
- Pan 360°/S, Tilt 100°/S
- Intelligent Video Analytics
- Digital I/O for External Sensor and Alarm
- Micro SD Card Supported (SDHC up to 32GB)
- IP67 Water + IK10 Vandal Proof



Specifications

Camera

Zoom Lens Module	Samsung 23X SCM-2230N (P)	Zoom Lens Module	Samsung 37X SCM-2370N (P)
Sensor	1/4" Interline Transfer CCD	Sensor	1/4" Interline Transfer CCD
Scan Method	Interlace	Scan Method	Interlace
Lens	23X optical zoom lens=3.5 to 80.9mmF1.6~F2.4	Lens	37X optical zoom lens=3.5 to 129.5mmF1.6~F3.9
Zoom Ratio	23X in Optical Zoom, 16X in Digital Zoom	Zoom Ratio	37X in Optical Zoom, 16X in Digital Zoom
Minimum Illumination	C/L : 0.2Lux/F1.6 (50 IRE), B/W : 0.02Lux/F1.6 (50 IRE)	Minimum Illumination	C/L : 0.2Lux/F1.6 (50 IRE), B/W : 0.02Lux/F1.6 (50 IRE)
Horizontal Resolution	Color : 560TVL, B/W : 680TVL	Horizontal Resolution	Color : 560TVL, B/W : 680TVL
Wide Dynamic Range	SSDR	Wide Dynamic Range	SSDR
Backlight Compensation	Off/BLC/HLC	Backlight Compensation	Off/BLC/HLC
Electronic Shutter	1/50~1/120000	Electronic Shutter	1/50 to 1/120,000
DIS	Yes	DIS	Yes
Number of Effective Pixel (H*V)	NTSC (768x494) / PAL (752x582)	Panning/Tilt Speed	Manual: Panning Speed Approx. 0.2°/s ~ 196.8°/s, Tilt Speed Approx. 0.2°/s ~ 98°/s, preset: up to approx. 450°/s
SNR(max.)	50db	Number of the Preset Positions	64
DNR	High/Middle/Low, 3 steps selection	IRIS Control	Auto/Manual
White Balance	Auto/Indoor/Outdoor/Manual	Exposure Compensation	Auto
Gain Control	High/Middle/Low, 3 steps selection	Slow Shutter	Auto/Off
Flicker Control	Off/50 Hz/60 Hz, 3 steps selection	Noise Reduction	Yes
Panning Coverage	0°~ 360°	Day and Night	IR-Cut Filter Removable (ICR)
Tilting Coverage	-10°~ 90°		

Video

Video Compression	H.264 (MPEG-4Part 10/AVC)/MJPEG,Dual codec
Video Framerate	D1@30fps
Resolution	H.264: D1 (704x480@NTSC/30fps, 704x576@PAL/25fps) CIF (352x240@NTSC/30fps, 352x288@PAL/25fps) QCIF (176x120@NTSC/30fps, 176x144@PAL/25fps) MJPEG: D1 (704x480@NTSC/30fps, 704x576@PAL/25fps) CIF (352x240@NTSC/30fps, 352x288@PAL/25fps) QCIF (176x120@NTSC/30fps, 176x144@PAL/25fps)
Bitrate Control	CBR and VBR, 128kbps ~ 4Mbps
Multi-streams	Triple streaming, Multiple profiles
Digital Zoom (PC Side)	1x, 1.5x, 2x, 3x, 4x
Image Rotation	Mirror, Flip, Rotate 180°

Intelligent Video

Privacy mask/Motion detection/Blind Detection/OSD

Audio

2 Way Audio	Audio Line-in, Audio Line-out
Compression	AMR, G.711 @ 64kbps, G.726 @ 32kbps/ Configure bit rate

Network

Streaming Protocols	RTSP/RTP/UDP, RTSP/RTP/TCP, RTSP/RTP/HTTP tunneling, LAN Multicast, Multipart-JPEG
Supported Protocols	IPv4, HTTP, UDP, TCP, ICMP, IGMP, ARP, DHCP, NTP, SMTP, FTP, SAMBA, UPnP, PPPoE, DNS, DDNS, RTSP, RTP, RTCP, ONVIF
Mobile Surveillance	iPhone, iPad, Android, BlackBerry

Storage

External	1 x Micro SD Card
----------	-------------------

Processors and Memory

CPU	ARM9 SOC
Flash and Memory	32MB NOR flash, 256MB DDRIII

I/O and Connectors

LAN	1x RJ45 Ethernet connector
Audio	1x Audio Line-in, 1x Audio Line-out
Alarm I/O	1x Alarm-in, 1x Alarm-out

Software Compatibility

Browser	Internet Explorer 6.0 or above
Application Software	VMS Application Software
OS supported	Microsoft Windows 2000, XP, Vista, Windows 7

Open API

CGI commands to control camera
Media SDK to handle streaming

Power

Power Input	AC24V(Heater) or AC24V+PoE 802.3at (Optional)
Power Consumption	48W

Dimension

243mm(Φ) x 316.3mm(H)

Weight

3850g

Operating Environment

Operating temperature	-40°C ~ +55°C / -10°C ~ +55°C (POE)
Storage temperature	-10°C ~ +50°C
Humidity	0% ~ 95% non-condensing

Certification

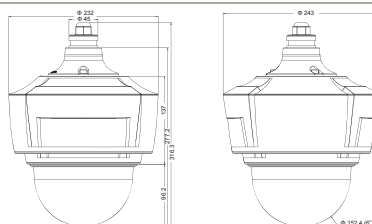
CE, FCC Class A, RoHS, IP67, IK10, UL

Warranty

24 months

Member of **ONVIF** **CE** **FC** **RoHS** **UL** **LISTED**

Dimension Diagram



Distributed by:

3S PocketNet Technology Inc.

7F., No.5, Lane 16, Sec. 2, Sichuan Rd. Banqiao Dist.,
New Taipei City 22061, Taiwan (R.O.C.)
Tel: +886.2.8967.2909
Fax: +886.2.8967.2779